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TORAY INDUSTRIES INC J4 9054-471
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Surface activati n f resin films or mouldings - by subjecting to corona
discharge in presence of butynediol vapour

A11-C4. 1 280

A synthetic resin film or moulding is subjected to corona discharge in the presence of a butynediol vapour to activate the film or moulding surface. In an example, a 35 µ poly(tetrafluoroethylene) film was corona discharged at 105° in CO₂ contg. 1-butyne-3, 4-diol vapour to improve its wettability. The film could be marked with an oil-based ink. 2-butyne-1, 4-diol.